

BLM21BD471SN1#

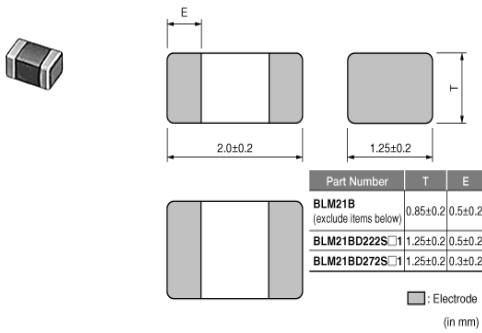
"#" indicates a package specification code.

In Production Recommended RoHS REACH

< List of part numbers with package codes >

BLM21BD471SN1D BLM21BD471SN1B BLM21BD471SN1J

Appearance & Shape



Features

The chip ferrite beads BLM series is designed to work nearly as a resistor at noise frequencies, which greatly reduces the possibility of resonance and leaves signal wave forms undistorted. BLM series is effective in circuits without stable ground lines because BLM series does not need a connection to ground.

BLM_B series can minimize attenuation of the signal waveform due to its sharp impedance characteristics. Various impedances are available to match signal frequency.

The small size of BLM03B series (0.6x0.3mm) is suitable for advanced high-density mounting, and is followed on a miniaturization of digital equipment, or module of a functional portion.

The nickel barrier structure of the external electrodes provides excellent solder heat resistance.

Applications

Other Usage	For general
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Packaging Information

Packaging	Specifications	Minimum Order Quantity
B	Bulk(Bag)	1000
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Attention

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Specifications

Shape	SMD
Size Code (in mm)	2012
Size Code (in inch)	0805
Length	2.0mm
Length Tolerance	±0.2mm
Width	1.25mm
Width Tolerance	±0.2mm
Thickness	0.85mm
Thickness Tolerance	±0.2mm
Rated Current	300.0mA
Operating Temperature Range	-55°C to 125°C
Mass(Typ.)	0.01g
Number of Circuit	1
DC Resistance(Max.)	0.35Ω
Impedance (at 100MHz)	470Ω
Impedance (at 100MHz) Tolerance	±25%

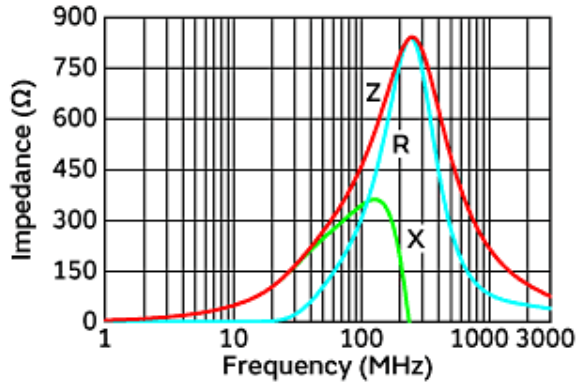
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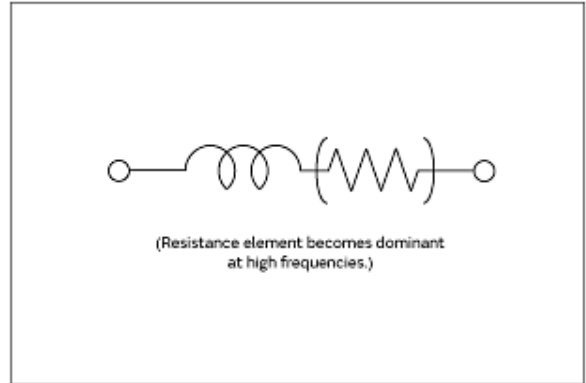
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Product Data



Impedance-Frequency Characteristics



Equivalent Circuit

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